

What is Claimed:

1. A method for displaying a source image in a display area, where said source image is of a first aspect ratio, and said display area is of a second aspect ratio, comprising:
 - dividing said source image into at least two source image strips;
 - dividing a destination area of said second aspect ratio into destination image strip areas, where said destination image strip areas are equivalent in number to said source image strips, where each destination image strip area corresponds to a specific source image strip, and each of where said destination image strip areas nearer to a focus area preserves an aspect ratio of said corresponding source image strip to a greater extent than each of said destination image strip areas farther from said focus area; and
 - using texture mapping to convert each of said source image strips for display in said corresponding destination strip area.
2. The method of claim 1, where said focus area is a center area of said source image.
3. The method of claim 1, where said extent of said preservation of aspect ratio corresponds to a distance of said destination image strip area from said focus area according to a linear equation.
4. The method of claim 1, where said step of using texture mapping to convert each of said source image strips for display in said corresponding destination strip area comprises:
 - converting each source image strip to at least one texture;
 - for each destination image strip area, applying said at least one texture corresponding to said corresponding source image strip for said destination image strip area to said destination image strip area.
5. The method of claim 4, where said step of using texture mapping further comprises:
 - tessellating each source image strip into source areas;
 - tessellating each destination image strip area into destination areas, each destination area corresponding to a source area;
 - converting each source area to a source area texture;
 - applying each of said source area textures to said corresponding destination area.

6. The method of claim 1, where said step of using texture mapping comprises using a texture mapping method of graphics interface software.
7. The method of claim 1, where said step of using texture mapping comprises using a function of a graphics processing unit.
8. A computer-readable medium having stored thereon at least one computer-executable module comprising computer-executable instructions for performing the method of claim 1.
9. A method for displaying a source image in a display area, where said source image is of a first aspect ratio, and said display area is of a second aspect ratio, comprising:
 - dividing said source image into at least two source image strips;
 - dividing an intermediate destination area into intermediate destination image strip areas, where said intermediate destination image strip areas are equivalent in number to said source image strips, and where each intermediate destination image strip area corresponds to a specific source image strip;
 - stretching each of said source image strips to fit said corresponding intermediate destination image strip area; and
 - uniformly stretching said intermediate destination area to said second aspect ratio;
where said intermediate destination image strip areas nearer to a focus area, after said uniform stretch, preserves an aspect ratio of said corresponding source image strip to a greater extent than each of said destination image strip areas farther from said focus area.
10. The method of claim 9, where said focus area is a center area of said source image.
11. The method of claim 9, where said extent of said preservation of aspect ratio corresponds to a distance of said destination image strip area from said focus area according to a linear equation.
12. The method of claim 9, where said step of uniform stretching comprises using a uniform stretching method of graphics interface software.
13. The method of claim 9, where said step of uniform stretching comprises using a uniform stretching function of a graphics processing unit.

14. A computer-readable medium having stored thereon at least one computer-executable module comprising computer-executable instructions for performing the method of claim 9.

15. A system for displaying a source image in a display area on a display, where said source image is of a first aspect ratio, and said display area is of a second aspect ratio, comprising:

image dividing means for dividing said source image into at least two source image strips;

destination area dividing means for dividing a destination area of said second aspect ratio into destination image strip areas, where said destination image strip areas are equivalent in number to said source image strips, where each destination image strip area corresponds to a specific source image strip, and each of where said destination image strip areas nearer to a focus area preserves an aspect ratio of said corresponding source image strip to a greater extent than each of said destination image strip areas farther from said focus area; and

texture mapping means for converting each of said source image strips for display in said corresponding destination strip area.

16. The method of claim 15, where said texture mapping means comprise graphics interface software.

17. The method of claim 15, where said texture mapping means comprise a graphics processing unit.

18. A system for displaying a source image in a display area on a display, where said source image is of a first aspect ratio, and said display area is of a second aspect ratio, comprising:

source image dividing means for dividing said source image into at least two source image strips;

intermediate destination area dividing means for dividing an intermediate destination area into intermediate destination image strip areas, where said intermediate destination image strip areas are equivalent in number to said source image strips, and where each intermediate destination image strip area corresponds to a specific source image strip;

image stretching means for stretching each of said source image strips to fit said

corresponding intermediate destination image strip area; and

uniform stretching means for stretching said intermediate destination area to said second aspect ratio;

where said intermediate destination image strip areas nearer to a focus area, after said uniform stretch, preserves an aspect ratio of said corresponding source image strip to a greater extent than each of said destination image strip areas farther from said focus area.

19. The method of claim 18, where said uniform stretching means comprise graphics interface software.

20. The method of claim 18, where said uniform stretching means comprise a graphics processing unit.